

What is claimed is:

1. A method of analyzing molecule comprising:

at least a molecule transfer step of transferring target molecules onto a solid phase, the target molecules having shown interactions with detection molecules bound to a detection surface of a biosensor for analyzing intermolecular interactions.

2. The method according to claim 1, wherein the solid phase is a membrane.

3. The method according to one of claims 1 and 2, wherein the molecule transfer step includes at least one step selected from an electrical transfer, a compression transfer and an aspiration transfer.

4. The method according to claim 1, wherein the detection surface is one disposed in a sensor unit portion for detecting the interactions by plasmon resonance or quartz-crystal microbalance.

5. The method according to claim 1, wherein the target molecules are analyzed by mass spectrometry, the target molecules being bound to the detection surface of the biosensor for analyzing the intermolecular interactions recovered on a membrane by the molecule transfer step.

6. A molecule analyzer, comprising:

at least automatic molecule transfer means for automatically transferring target molecules onto a solid phase, the target molecule having shown interactions with detection molecules bound to a detection surface of a biosensor for analyzing intermolecular interactions.

7. The molecule analyzer according to claim 6, wherein the solid phase is a membrane.

8. The molecule analyzer according to one of claims 6 and 7, wherein the molecule transfer means includes at least one means selected from an electrical transfer, a compression transfer and an aspiration transfer.